

## Re: How inaccurate is a 555 or 7555 REALLY?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2006-12/msg00806.html>

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- *From:* "Phil Allison" <[philallison@xxxxxxxxxx](mailto:philallison@xxxxxxxxxx)>
  - *Date:* Sun, 3 Dec 2006 14:54:35 +1100
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"WildIrish" <[wildirishtiming@xxxxxxxxxx](mailto:wildirishtiming@xxxxxxxxxx)> wrote in message  
[news:1165116310.577657.14790@xx](mailto:news:1165116310.577657.14790@xx)

\*\* Groper alert.

.002% would be good enough for me.... but i don't know where to find examples on making a tiny quartz crystal divide down to 420hz in a tiny package (I don't have more than about 3/4" box to fit things into.) or any other component oscillators that can reach 420hz with the least number of components.

Any basic circuit diagrams online that someone can point me to would be greatly appreciated! Sine wave output preferred, but I think square will do if that adds complexity (I bet it would).

Again please remember I'm a novice with minor experience :)

\*\* Then it is time to realise that YOU are not up to the task.

The size and performance criteria you have come up with make it a job for an expert.

..... Phil

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